APPENDIX F WATER SUPPLY ASSESSMENT





374 West Santa Clara St. San Jose, CA 95196-0001

Janis Moore City of San Jose Department of Planning, Building & Code Enforcement 200 E. Santa Clara Street San Jose, CA 95113-1905

Reference: Water Supply Assessment (WSA) for the Valley Fair Shopping Center Expansion

Dear Ms. Moore:

The City of San Jose (City) requested a WSA from San Jose Water Company (SJWC) for the Valley Fair Shopping Center Expansion per Joseph Horwedel's letter dated June 12, 2006. The Valley Fair Shopping Center is located on a 71-acre site bounded by Stevens Creek Boulevard on the south, Forest Avenue on the north, Monroe Street on the east and Winchester Boulevard on the west. The proposed project consists of an approximate 610,000 square foot expansion of the existing shopping center to accommodate up to two new anchor stores and additional retail space. The project also includes the demolition, relocation and reconstruction of two existing parking structures and three existing commercial buildings.

The water usage of this proposed development was included in the growth projections of SJWC's 2005 Urban Water Management Plan. In addition, a hydraulic analysis of SJWC's existing distribution system was performed with and without the Valley Fair Shopping Center Expansion demand of 45,800 gallons per day or approximately 16 million gallons per year. This demand was based on the City's estimates of 0.0751 gallons per day per square foot of retail space. The model results showed that the additional Valley Fair Shopping Center Expansion demand had a minimal impact on the existing distribution system. SJWC should be able to adequately supply the Valley Fair Shopping Center Expansion without any additional source of supply or system operation changes.

If you have any questions, call me at (408) 279-7862.

Sincerely,

Nicole Dunbar, P.E. Planning Supervisor

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